

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Edison

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Edison, NJ 08817

Tel: (732)549-3900

TestAmerica Job ID: 460-40195-2

Client Project/Site: Dow Philly Plant

For:

URS Corporation

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Suite 300

Fort Washington, Pennsylvania 19034

Attn: Mr. Geoff Arbogast



Authorized for release by:

7/5/2012 9:28:45 AM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Qualifiers

Metals

Qualifier	Qualifier Description
F	MS/MSD Recovery or RPD exceeds the control limits
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

⊗	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Job ID: 460-40195-2

Laboratory: TestAmerica Edison

Narrative

CASE NARRATIVE

Client: URS Corporation

Project: Dow Philly Plant

Report Number: 460-40195-2

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 05/11/2012; the samples arrived in good condition, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.1° C, 1.6° C and 2.9° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS

Samples 460-40195-14, 460-40195-22, 460-40195-23, 460-40195-25, 460-40195-30, 460-40195-37, 460-40195-50, 460-40195-64, 460-40195-81, 460-40195-92, 460-40195-96, 460-40195-98, 460-40195-109, 460-40195-110, 460-40195-112 through 460-40195-115 and 460-40195-120 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 06/29/2012 and analyzed on 06/30/2012, 07/01/2012 and 07/02/2012.

The matrix duplicate %RPD for arsenic associated with batch 118095 was outside the control limits.

Samples 460-40195-14(4X), 460-40195-22(4X), 460-40195-23(4X), 460-40195-25(4X), 460-40195-30(4X), 460-40195-37(4X), 460-40195-50(4X), 460-40195-64(10X), 460-40195-81(4X), 460-40195-92(20X), 460-40195-96(4X), 460-40195-98(4X), 460-40195-109(20X), 460-40195-110(30X), 460-40195-112 through 460-40195-115(4X) and 460-40195-120(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

As a standard practice all soil samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 2X-4X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

Case Narrative

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Job ID: 460-40195-2 (Continued)

Laboratory: TestAmerica Edison (Continued)

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

Detection Summary

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Client Sample ID: SB 156-AN

Lab Sample ID: 460-40195-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	61.9		1.1	1.1	mg/Kg	4	⊗	6010B	Total/NA

Client Sample ID: SB 156-G

Lab Sample ID: 460-40195-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	148		1.2	1.1	mg/Kg	4	⊗	6010B	Total/NA

Client Sample ID: SB 156-H

Lab Sample ID: 460-40195-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	86.5		1.2	1.1	mg/Kg	4	⊗	6010B	Total/NA

Client Sample ID: SB 156-N

Lab Sample ID: 460-40195-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	52.5		1.2	1.1	mg/Kg	4	⊗	6010B	Total/NA

Client Sample ID: SB 156-AB

Lab Sample ID: 460-40195-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	24.7		1.1	1.0	mg/Kg	4	⊗	6010B	Total/NA

Client Sample ID: SB 159-T

Lab Sample ID: 460-40195-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15.0		1.1	1.0	mg/Kg	4	⊗	6010B	Total/NA

Client Sample ID: SB 147-BC

Lab Sample ID: 460-40195-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	24.6		1.2	1.1	mg/Kg	4	⊗	6010B	Total/NA

Client Sample ID: SB-156 CE

Lab Sample ID: 460-40195-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	87.8		2.8	2.6	mg/Kg	10	⊗	6010B	Total/NA

Client Sample ID: SB 156-BE

Lab Sample ID: 460-40195-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15.9		1.1	1.1	mg/Kg	4	⊗	6010B	Total/NA

Client Sample ID: SB-156 BW

Lab Sample ID: 460-40195-92

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	275		6.5	6.1	mg/Kg	20	⊗	6010B	Total/NA

Client Sample ID: EAB-102 F

Lab Sample ID: 460-40195-96

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.2		1.1	1.0	mg/Kg	4	⊗	6010B	Total/NA

Client Sample ID: EAB-102 E

Lab Sample ID: 460-40195-98

Detection Summary

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Client Sample ID: EAB-102 E (Continued)

Lab Sample ID: 460-40195-98

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.7		1.2	1.1	mg/Kg	4	⊗	6010B	Total/NA

Client Sample ID: SB 147 B

Lab Sample ID: 460-40195-109

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	45.2		5.5	5.2	mg/Kg	20	⊗	6010B	Total/NA

Client Sample ID: SB 147 C

Lab Sample ID: 460-40195-110

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	339		9.0	8.5	mg/Kg	30	⊗	6010B	Total/NA

Client Sample ID: SB-147 F

Lab Sample ID: 460-40195-112

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	47.6		1.2	1.1	mg/Kg	4	⊗	6010B	Total/NA

Client Sample ID: SB-147 G

Lab Sample ID: 460-40195-113

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	17.2		1.1	1.0	mg/Kg	4	⊗	6010B	Total/NA

Client Sample ID: SB-147 H

Lab Sample ID: 460-40195-114

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	51.6		1.1	1.1	mg/Kg	4	⊗	6010B	Total/NA

Client Sample ID: SB-147 O

Lab Sample ID: 460-40195-115

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13.6		1.1	1.1	mg/Kg	4	⊗	6010B	Total/NA

Client Sample ID: SB-147 V

Lab Sample ID: 460-40195-120

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13.2		1.2	1.2	mg/Kg	4	⊗	6010B	Total/NA

Client Sample Results

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Client Sample ID: SB 156-AN

Date Collected: 05/08/12 09:10
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-14

Matrix: Solid
Percent Solids: 83.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	61.9		1.1	1.1	mg/Kg	⊗	06/29/12 17:40	06/30/12 21:45	4

Client Sample ID: SB 156-G

Date Collected: 05/07/12 09:30
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-22

Matrix: Solid
Percent Solids: 77.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	148		1.2	1.1	mg/Kg	⊗	06/29/12 17:40	06/30/12 21:41	4

Client Sample ID: SB 156-H

Date Collected: 05/07/12 09:35
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-23

Matrix: Solid
Percent Solids: 81.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	86.5		1.2	1.1	mg/Kg	⊗	06/29/12 17:40	06/30/12 21:48	4

Client Sample ID: SB 156-N

Date Collected: 05/07/12 10:05
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-25

Matrix: Solid
Percent Solids: 79.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	52.5		1.2	1.1	mg/Kg	⊗	06/29/12 17:40	06/30/12 21:59	4

Client Sample ID: SB 156-AB

Date Collected: 05/07/12 11:30
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-30

Matrix: Solid
Percent Solids: 86.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	24.7		1.1	1.0	mg/Kg	⊗	06/29/12 19:01	07/01/12 14:36	4

Client Sample ID: SB 159-T

Date Collected: 05/08/12 13:30
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-37

Matrix: Solid
Percent Solids: 89.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15.0		1.1	1.0	mg/Kg	⊗	06/29/12 19:01	07/01/12 14:29	4

Client Sample ID: SB 147-BC

Date Collected: 05/10/12 14:10
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-50

Matrix: Solid
Percent Solids: 80.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	24.6		1.2	1.1	mg/Kg	⊗	06/29/12 19:01	07/01/12 14:11	4

Client Sample Results

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Client Sample ID: SB-156 CE
Date Collected: 05/10/12 11:00
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-64
Matrix: Solid
Percent Solids: 86.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	87.8		2.8	2.6	mg/Kg	☀	06/29/12 19:01	07/02/12 12:48	10

Client Sample ID: SB 156-BE
Date Collected: 05/09/12 09:05
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-81
Matrix: Solid
Percent Solids: 85.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15.9		1.1	1.1	mg/Kg	☀	06/29/12 19:01	07/01/12 14:47	4

Client Sample ID: SB-156 BW
Date Collected: 05/10/12 10:20
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-92
Matrix: Solid
Percent Solids: 77.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	275		6.5	6.1	mg/Kg	☀	06/29/12 19:01	07/02/12 12:52	20

Client Sample ID: EAB-102 F
Date Collected: 05/09/12 14:25
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-96
Matrix: Solid
Percent Solids: 87.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.2		1.1	1.0	mg/Kg	☀	06/29/12 19:01	07/01/12 14:43	4

Client Sample ID: EAB-102 E
Date Collected: 05/09/12 14:20
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-98
Matrix: Solid
Percent Solids: 84.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.7		1.2	1.1	mg/Kg	☀	06/29/12 19:01	07/01/12 14:40	4

Client Sample ID: SB 147 B
Date Collected: 05/07/12 11:40
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-109
Matrix: Solid
Percent Solids: 82.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	45.2		5.5	5.2	mg/Kg	☀	06/29/12 19:01	07/02/12 12:59	20

Client Sample ID: SB 147 C
Date Collected: 05/07/12 11:25
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-110
Matrix: Solid
Percent Solids: 79.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	339		9.0	8.5	mg/Kg	☀	06/29/12 19:01	07/02/12 12:55	30

Client Sample Results

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Client Sample ID: SB-147 F
Date Collected: 05/07/12 13:30
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-112
Matrix: Solid
Percent Solids: 84.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	47.6		1.2	1.1	mg/Kg	☀	06/29/12 19:01	07/01/12 15:12	4

Client Sample ID: SB-147 G
Date Collected: 05/07/12 13:35
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-113
Matrix: Solid
Percent Solids: 81.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	17.2		1.1	1.0	mg/Kg	☀	06/29/12 19:01	07/01/12 15:09	4

Client Sample ID: SB-147 H
Date Collected: 05/07/12 13:45
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-114
Matrix: Solid
Percent Solids: 85.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	51.6		1.1	1.1	mg/Kg	☀	06/29/12 19:01	07/01/12 15:19	4

Client Sample ID: SB-147 O
Date Collected: 05/07/12 15:15
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-115
Matrix: Solid
Percent Solids: 82.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13.6		1.1	1.1	mg/Kg	☀	06/29/12 19:01	07/01/12 15:16	4

Client Sample ID: SB-147 V
Date Collected: 05/07/12 16:05
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-120
Matrix: Solid
Percent Solids: 81.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13.2		1.2	1.2	mg/Kg	☀	06/29/12 19:01	07/01/12 15:23	4

QC Sample Results

Client: URS Corporation
 Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 460-118090/1-A ^2 Matrix: Solid Analysis Batch: 118168											Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 118090				
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac						
Arsenic	0.47	U	0.50	0.47	mg/Kg		06/29/12 17:40	06/30/12 20:33	2						
Lab Sample ID: LCSSRM 460-118090/2-A ^4 Matrix: Solid Analysis Batch: 118168											Client Sample ID: Lab Control Sample Prep Type: Total/NA Prep Batch: 118090				
Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec.									
Arsenic	232	218.2		mg/Kg		94	71 - 129								
Lab Sample ID: 460-41641-E-18-O MS ^4 Matrix: Solid Analysis Batch: 118168											Client Sample ID: Matrix Spike Prep Type: Total/NA Prep Batch: 118090				
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits						
Arsenic	2.6		226	203.2		mg/Kg		89	75 - 125						
Lab Sample ID: 460-41641-E-18-N DU ^4 Matrix: Solid Analysis Batch: 118168											Client Sample ID: Duplicate Prep Type: Total/NA Prep Batch: 118090				
Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D					RPD			
Arsenic	2.6			1.82		mg/Kg						37	20		
Lab Sample ID: MB 460-118095/1-A ^2 Matrix: Solid Analysis Batch: 118210											Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 118095				
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac						
Arsenic	0.47	U	0.50	0.47	mg/Kg		06/29/12 19:01	07/01/12 14:25	2						
Lab Sample ID: LCSSRM 460-118095/2-A ^4 Matrix: Solid Analysis Batch: 118210											Client Sample ID: Lab Control Sample Prep Type: Total/NA Prep Batch: 118095				
Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec.									
Arsenic	237	215.6		mg/Kg		91	71 - 129								
Lab Sample ID: 460-41694-A-39-C MS ^4 Matrix: Solid Analysis Batch: 118210											Client Sample ID: Matrix Spike Prep Type: Total/NA Prep Batch: 118095				
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits						
Arsenic	2.5		224	203.6		mg/Kg		90	75 - 125						
Lab Sample ID: 460-41694-A-39-B DU ^4 Matrix: Solid Analysis Batch: 118210											Client Sample ID: Duplicate Prep Type: Total/NA Prep Batch: 118095				
Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D				RPD				
Arsenic	2.5			3.63	F	mg/Kg					36	20			

QC Association Summary

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Metals

Prep Batch: 118090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-40195-14	SB 156-AN	Total/NA	Solid	3050B	5
460-40195-22	SB 156-G	Total/NA	Solid	3050B	6
460-40195-23	SB 156-H	Total/NA	Solid	3050B	7
460-40195-25	SB 156-N	Total/NA	Solid	3050B	8
460-41641-E-18-N DU ^4	Duplicate	Total/NA	Solid	3050B	9
460-41641-E-18-O MS ^4	Matrix Spike	Total/NA	Solid	3050B	10
LCSSRM 460-118090/2-A ^4	Lab Control Sample	Total/NA	Solid	3050B	11
MB 460-118090/1-A ^2	Method Blank	Total/NA	Solid	3050B	12

Prep Batch: 118095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-40195-30	SB 156-AB	Total/NA	Solid	3050B	13
460-40195-37	SB 159-T	Total/NA	Solid	3050B	14
460-40195-50	SB 147-BC	Total/NA	Solid	3050B	1
460-40195-64	SB-156 CE	Total/NA	Solid	3050B	2
460-40195-81	SB 156-BE	Total/NA	Solid	3050B	3
460-40195-92	SB-156 BW	Total/NA	Solid	3050B	4
460-40195-96	EAB-102 F	Total/NA	Solid	3050B	5
460-40195-98	EAB-102 E	Total/NA	Solid	3050B	6
460-40195-109	SB 147 B	Total/NA	Solid	3050B	7
460-40195-110	SB 147 C	Total/NA	Solid	3050B	8
460-40195-112	SB-147 F	Total/NA	Solid	3050B	9
460-40195-113	SB-147 G	Total/NA	Solid	3050B	10
460-40195-114	SB-147 H	Total/NA	Solid	3050B	11
460-40195-115	SB-147 O	Total/NA	Solid	3050B	12
460-40195-120	SB-147 V	Total/NA	Solid	3050B	13
460-41694-A-39-B DU ^4	Duplicate	Total/NA	Solid	3050B	14
460-41694-A-39-C MS ^4	Matrix Spike	Total/NA	Solid	3050B	1
LCSSRM 460-118095/2-A ^4	Lab Control Sample	Total/NA	Solid	3050B	2
MB 460-118095/1-A ^2	Method Blank	Total/NA	Solid	3050B	3

Analysis Batch: 118168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-40195-14	SB 156-AN	Total/NA	Solid	6010B	118090
460-40195-22	SB 156-G	Total/NA	Solid	6010B	118090
460-40195-23	SB 156-H	Total/NA	Solid	6010B	118090
460-40195-25	SB 156-N	Total/NA	Solid	6010B	118090
460-41641-E-18-N DU ^4	Duplicate	Total/NA	Solid	6010B	118090
460-41641-E-18-O MS ^4	Matrix Spike	Total/NA	Solid	6010B	118090
LCSSRM 460-118090/2-A ^4	Lab Control Sample	Total/NA	Solid	6010B	118090
MB 460-118090/1-A ^2	Method Blank	Total/NA	Solid	6010B	118090

Analysis Batch: 118210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-40195-30	SB 156-AB	Total/NA	Solid	6010B	118095
460-40195-37	SB 159-T	Total/NA	Solid	6010B	118095
460-40195-50	SB 147-BC	Total/NA	Solid	6010B	118095
460-40195-81	SB 156-BE	Total/NA	Solid	6010B	118095
460-40195-96	EAB-102 F	Total/NA	Solid	6010B	118095
460-40195-98	EAB-102 E	Total/NA	Solid	6010B	118095
460-40195-112	SB-147 F	Total/NA	Solid	6010B	118095
460-40195-113	SB-147 G	Total/NA	Solid	6010B	118095

QC Association Summary

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Metals (Continued)

Analysis Batch: 118210 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-40195-114	SB-147 H	Total/NA	Solid	6010B	118095
460-40195-115	SB-147 O	Total/NA	Solid	6010B	118095
460-40195-120	SB-147 V	Total/NA	Solid	6010B	118095
460-41694-A-39-B DU ^4	Duplicate	Total/NA	Solid	6010B	118095
460-41694-A-39-C MS ^4	Matrix Spike	Total/NA	Solid	6010B	118095
LCSSRM 460-118095/2-A ^4	Lab Control Sample	Total/NA	Solid	6010B	118095
MB 460-118095/1-A ^2	Method Blank	Total/NA	Solid	6010B	118095

Analysis Batch: 118358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-40195-64	SB-156 CE	Total/NA	Solid	6010B	118095
460-40195-92	SB-156 BW	Total/NA	Solid	6010B	118095
460-40195-109	SB 147 B	Total/NA	Solid	6010B	118095
460-40195-110	SB 147 C	Total/NA	Solid	6010B	118095

Lab Chronicle

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Client Sample ID: SB 156-AN

Date Collected: 05/08/12 09:10
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-14

Matrix: Solid

Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118090	06/29/12 17:40	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118168	06/30/12 21:45	CDC	TAL EDI

Client Sample ID: SB 156-G

Date Collected: 05/07/12 09:30
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-22

Matrix: Solid

Percent Solids: 77.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118090	06/29/12 17:40	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118168	06/30/12 21:41	CDC	TAL EDI

Client Sample ID: SB 156-H

Date Collected: 05/07/12 09:35
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-23

Matrix: Solid

Percent Solids: 81.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118090	06/29/12 17:40	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118168	06/30/12 21:48	CDC	TAL EDI

Client Sample ID: SB 156-N

Date Collected: 05/07/12 10:05
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-25

Matrix: Solid

Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118090	06/29/12 17:40	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118168	06/30/12 21:59	CDC	TAL EDI

Client Sample ID: SB 156-AB

Date Collected: 05/07/12 11:30
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-30

Matrix: Solid

Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118210	07/01/12 14:36	CDC	TAL EDI

Client Sample ID: SB 159-T

Date Collected: 05/08/12 13:30
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-37

Matrix: Solid

Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118210	07/01/12 14:29	CDC	TAL EDI

Lab Chronicle

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Client Sample ID: SB 147-BC

Date Collected: 05/10/12 14:10
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-50

Matrix: Solid
Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118210	07/01/12 14:11	CDC	TAL EDI

Client Sample ID: SB-156 CE

Date Collected: 05/10/12 11:00
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-64

Matrix: Solid
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		10	118358	07/02/12 12:48	CDC	TAL EDI

Client Sample ID: SB 156-BE

Date Collected: 05/09/12 09:05
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-81

Matrix: Solid
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118210	07/01/12 14:47	CDC	TAL EDI

Client Sample ID: SB-156 BW

Date Collected: 05/10/12 10:20
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-92

Matrix: Solid
Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		20	118358	07/02/12 12:52	CDC	TAL EDI

Client Sample ID: EAB-102 F

Date Collected: 05/09/12 14:25
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-96

Matrix: Solid
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118210	07/01/12 14:43	CDC	TAL EDI

Client Sample ID: EAB-102 E

Date Collected: 05/09/12 14:20
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-98

Matrix: Solid
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118210	07/01/12 14:40	CDC	TAL EDI

Lab Chronicle

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Client Sample ID: SB 147 B

Date Collected: 05/07/12 11:40
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-109

Matrix: Solid
Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		20	118358	07/02/12 12:59	CDC	TAL EDI

Client Sample ID: SB 147 C

Date Collected: 05/07/12 11:25
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-110

Matrix: Solid
Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		30	118358	07/02/12 12:55	CDC	TAL EDI

Client Sample ID: SB-147 F

Date Collected: 05/07/12 13:30
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-112

Matrix: Solid
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118210	07/01/12 15:12	CDC	TAL EDI

Client Sample ID: SB-147 G

Date Collected: 05/07/12 13:35
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-113

Matrix: Solid
Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118210	07/01/12 15:09	CDC	TAL EDI

Client Sample ID: SB-147 H

Date Collected: 05/07/12 13:45
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-114

Matrix: Solid
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118210	07/01/12 15:19	CDC	TAL EDI

Client Sample ID: SB-147 O

Date Collected: 05/07/12 15:15
Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-115

Matrix: Solid
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118210	07/01/12 15:16	CDC	TAL EDI

Lab Chronicle

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Client Sample ID: SB-147 V

Date Collected: 05/07/12 16:05

Date Received: 05/11/12 18:58

Lab Sample ID: 460-40195-120

Matrix: Solid

Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			118095	06/29/12 19:01	ARC	TAL EDI
Total/NA	Analysis	6010B		4	118210	07/01/12 15:23	CDC	TAL EDI

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Certification Summary

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Edison	Connecticut	State Program	1	PH-0200
TestAmerica Edison	DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A
TestAmerica Edison	New Jersey	NELAC	2	12028
TestAmerica Edison	New York	NELAC	2	11452
TestAmerica Edison	Pennsylvania	NELAC	3	68-00522
TestAmerica Edison	Rhode Island	State Program	1	LAO00132
TestAmerica Edison	USDA	Federal		NJCA-003-08

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: URS Corporation
Project/Site: Dow Philly Plant

TestAmerica Job ID: 460-40195-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-40195-14	SB 156-AN	Solid	05/08/12 09:10	05/11/12 18:58
460-40195-22	SB 156-G	Solid	05/07/12 09:30	05/11/12 18:58
460-40195-23	SB 156-H	Solid	05/07/12 09:35	05/11/12 18:58
460-40195-25	SB 156-N	Solid	05/07/12 10:05	05/11/12 18:58
460-40195-30	SB 156-AB	Solid	05/07/12 11:30	05/11/12 18:58
460-40195-37	SB 159-T	Solid	05/08/12 13:30	05/11/12 18:58
460-40195-50	SB 147-BC	Solid	05/10/12 14:10	05/11/12 18:58
460-40195-64	SB-156 CE	Solid	05/10/12 11:00	05/11/12 18:58
460-40195-81	SB 156-BE	Solid	05/09/12 09:05	05/11/12 18:58
460-40195-92	SB-156 BW	Solid	05/10/12 10:20	05/11/12 18:58
460-40195-96	EAB-102 F	Solid	05/09/12 14:25	05/11/12 18:58
460-40195-98	EAB-102 E	Solid	05/09/12 14:20	05/11/12 18:58
460-40195-109	SB 147 B	Solid	05/07/12 11:40	05/11/12 18:58
460-40195-110	SB 147 C	Solid	05/07/12 11:25	05/11/12 18:58
460-40195-112	SB-147 F	Solid	05/07/12 13:30	05/11/12 18:58
460-40195-113	SB-147 G	Solid	05/07/12 13:35	05/11/12 18:58
460-40195-114	SB-147 H	Solid	05/07/12 13:45	05/11/12 18:58
460-40195-115	SB-147 O	Solid	05/07/12 15:15	05/11/12 18:58
460-40195-120	SB-147 V	Solid	05/07/12 16:05	05/11/12 18:58

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 14

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) Geff Amgast		Samplers Name (Printed) Hector Hueng	Site/Project Identification Dow Plastics Plant		
Company JRS Corp		P. O. # 46009684	State (Location of site): NJ: <input type="checkbox"/> NY: <input type="checkbox"/> Other: _____		
Address 335 Commerce		Analysis Turnaround Time Standard <input checked="" type="checkbox"/> Rush Charges Authorized For: 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>	Regulatory Program:		
City Fort Washington	State PA	ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)	LAB USE ONLY Project No.: 40195		
Phone 215-367-2466	Fax 215-367-2100				
Sample Identification	Date	Time	Matrix	No. of Cont.	Sample Numbers
SB147-W	5/1/12	16:40	SO	1	1
SB147-AA	5/8/12	9:20	1	X	2
SB147-AC	5/8/12	9:30	1	X	3
SB147-AD	5/8/12	9:35	1	X	4
SB147-AI	5/8/12	10:45	1	X	5
SB147-AK	5/9/12	10:55	1	X	6
SB147-AL	5/9/12	11:00	1	X	7
SB147-AM	5/9/12	11:10	1	X	8
SB147-AW	5/9/12	14:10	1	X	9
SB147-AO	5/9/12	14:15	1	X	10
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH		Soil:	1		
		Water:	1		
Water Metals Filtered (Yes/No)? Yes					
Special Instructions					
Reinquished by Geff Amgast	Company JRS	Date / Time 5/10/12 13:30	Received by Hector Hueng	Company JRS	13:38
Reinforced by Geff Amgast	Company JRS	Date / Time 5/11/12 17:13	Received by Hector Hueng	Company JRS	
Reinquired by Geff Amgast	Company JRS	Date / Time 5/11/12 17:13	Received by Hector Hueng	Company JRS	
Reinquished by Geff Amgast	Company JRS	Date / Time 5/11/12 17:13	Received by Hector Hueng	Company JRS	
4)		Date / Time 4)	Received by Hector Hueng	Company JRS	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

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THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

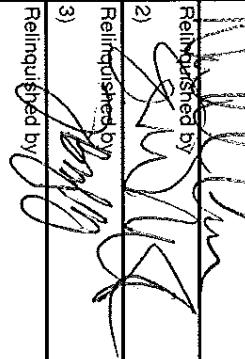
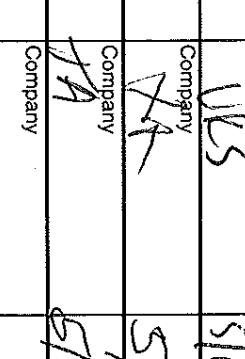
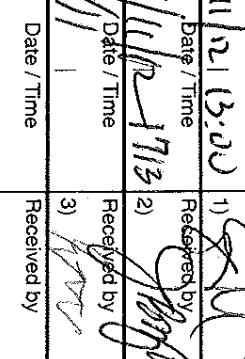
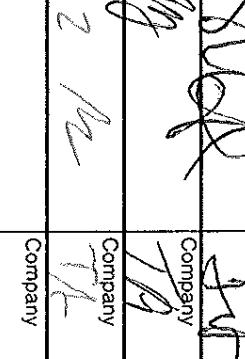
Page 2 of 14

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (or report and invoice) Graff Arbogast	Samplers Name (Printed) Hector Huang	Site/Project Identification Dow Philly Plant			
Company JRS	P.O. # 4609684	State (Location of site): NJ: <input type="checkbox"/> NY: <input type="checkbox"/> Other:			
Address 335 Commerce Drive Suite 300		Analysis Turnaround Time Standard <input checked="" type="checkbox"/> Rush Charges Authorized For: 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>			
City Fort Washington	State PA	Regulatory Program:			
Phone	Fax	LAB USE ONLY Project No: Job No: 1.6 #50			
Sample Identification	Date	Time	Matrix	No. of Cont.	Sample Numbers
SB 156-AC	5/8/12	8:10	SD	1	11
SB 156-AD	"	8:30	"	1	12
SB 156-AK	"	9:00	"	1	13
SB 156-AW	"	9:10	"	1	14
SB 156-AO	"	9:15	"	1	15
SB 156-AV	"	9:40	"	1	16
SB 156-AW	"	9:45	"	1	17
SB 156-AX	"	9:50	"	1	18
SB 156-AY	5/8/12	9:55	"	1	19
SB 156-BD	5/9/12	9:00	"	1	20
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH					
Soil: 1					
Water: 1					
6 = Other _____, 7 = Other _____					

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by 	Company JRS	Date / Time 5/11/12 13:00	Received by John Wolf	Company JF - 13:30
Relinquished by 	Company JRS	Date / Time 5/11/12 17:00	Received by John Wolf	Company JF - 17:00
Relinquished by 	Company JRS	Date / Time 5/11/12 17:00	Received by John Wolf	Company JF - 17:00
Relinquished by 	Company JRS	Date / Time 5/11/12 17:00	Received by John Wolf	Company JF - 17:00

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132),

Massachusetts (M-NJ312), North Carolina (No. 578)

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 3 of 14

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) Geoff Abagast	Samplers Name (Printed) Hector Huang	Site/Project Identification Dow Rohm & Haas Philly Plant.			
Company DRS Corp	P.O.# 46009684	State (Location of site): NJ: <input type="checkbox"/> NY: <input type="checkbox"/> Other: _____			
Address 335 Commerce Drive Suite 300		Regulatory Program:			
City Fort Washington State PA					
Phone 215-367-2466	Fax 215-367-2100	Analysis Turnaround Time Standard <input checked="" type="checkbox"/> Rush Charges Authorized For: 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>			
Sample Identification	Date	Time	Matrix	No. of Cont.	Sample Numbers
SB156-B	5/7/12	9:00	SO	1	21
SB156-G	5/7/12	9:30	SO	1	22
SB156-H	5/7/12	9:35	SO	1	23
SB156-M	5/7/12	10:00	SO	1	24
SB156-N	5/7/12	10:05	SO	1	25
SB156-O	5/7/12	10:10	SO	1	26
SB156-P	5/7/12	10:30	SO	1	27
SB156-U	5/7/12	11:00	SO	1	28
SB156-V	5/7/12	11:05	SO	1	29
SB156-AB	5/7/12	11:30	SO	1	30
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH					Soil: <input type="checkbox"/>
6 = Other <input type="checkbox"/>					Water: <input type="checkbox"/>
Special Instructions					
Relinquished by John	Company DRS	Date / Time 5/11/12 13:00	Received by SM	Company JT	Water Metals Filtered (Yes/No)? *50
Relinquished by John	Company DRS	Date / Time 5/11/12 17:13	Received by SM	Company JT	
Relinquished by John	Company DRS	Date / Time 5/11/12 17:13	Received by SM	Company JT	
Relinquished by John	Company DRS	Date / Time 5/11/12 17:13	Received by SM	Company JT	
Relinquished by John	Company DRS	Date / Time 5/11/12 17:13	Received by SM	Company JT	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

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777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

7/5/2012

Name (for report and invoice)
Geffrey Abagast
Company **VRS Corp**

Address
335 Commerce Drive, Suite 300
City **Fort Washington** State **PA**

Phone **215-367-2466** Fax **215-367-2100**

Rush Charges Authorized For:
2 Week
1 Week
Other

ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)
Site/Project Identification
Dow Philly Plant
State (Location of site): NJ: NY: Other:

Regulatory Program:
LAB USE ONLY
Project No:
40195

*L.G.
#50*

Sample Identification	Date	Time	Matrix	No. of Cont.	Analysis Turnaround Time	Sample Numbers
SB 159-AE	5/9/12	14:20	SO	1	X	31
SB 159-AB	5/9/12	14:30	SO	1	X	32
SB 159-AG	5/9/12	14:40	SO	1	X	33
SB 147-AX	5/10/12	13:20	SO	1	X	34
SB 163-A	5/8/12	14:40	SO	1	X	35
SB 163-B	5/8/12	14:45	SO	1	X	36
SB 159-T	5/21/12	13:30	SO	1	X	37
SB 159-V	5/9/12	13:35	SO	1	X	38
SB 159-W	5/9/12	13:40	SO	1	X	39
SB 159-AB	5/9/12	13:50	SO	1	X	40

Preservation Used: 1 = ICE, 2 = HCl, 3 = H₂SO₄, 4 = HNO₃, 5 = NaOH

Soil:

1

Water:

1

Special Instructions

Relinquished by <i>J. G. Abagast</i>	Company VRS	Date / Time 5/11/12	Received by 1) <i>C. M. Mc</i>	Company <i>D. J.</i>	Water Metals Filtered (Yes/No)? <i>13-38</i>
Relinquished by <i>J. G. Abagast</i>	Company VRS	Date / Time 5/11/12 17:13	Received by 2) <i>M. P. Mc</i>	Company <i>H.</i>	
Relinquished by <i>J. G. Abagast</i>	Company VRS	Date / Time 5/11/12	Received by 3) <i>M. P. Mc</i>	Company <i>H. 1850</i>	
Relinquished by <i>J. G. Abagast</i>	Company VRS	Date / Time 5/11/12	Received by 4) <i>M. P. Mc</i>	Company <i>H. 1850</i>	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (1132).

Massachusetts (M-NJ312), North Carolina (No. 578)

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THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 5 of 14

Name (for report and invoice) Geff Abagast	Samplers Name (Printed) Hector Hwy	Site/Project Identification Dow Phthalic Plant.			
Company JPS Corp	P.O. # 4609684	State (Location of site) NJ: <input type="checkbox"/> NY: <input type="checkbox"/> Other: _____			
Address 335 Commerce Dr., Suite 300	Rush Charges Authorized For: Standard <input checked="" type="checkbox"/> 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>	Regulatory Program:			
City Fort Washington	Analysis Turnaround Time Standard 6 2 Week 5 1 Week 3 Other 1	ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST) X			
State PA	Project No. 40195	LAB USE ONLY			
Phone 215-367-2466	Fax 215-367-2100	Sample Numbers 41 42 43 44 45 46 47 48 49 50			
Sample Identification	Date	Time	Matrix	No. of Cont.	Water:
SB157-AC	5/9/12	14:00	SO	1	
SB167-AD	5/9/12	14:10	"	1	
SB157-SD	5/10/12	14:30	"	1	
SB163-L	"	14:55	"	1	
SB163-D	"	15:00	"	1	
SB163-E	"	15:20	"	1	
SB163-F	"	15:25	"	1	
SB163-G	"	15:35	"	1	
SB163-H	"	15:55	"	1	
SB147-BB	5/10/12	14:00	"	1	
SB147-BC	5/10/12	14:10	"	1	
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH					
Soil: _____					
Water: _____					
6 = Other _____, 7 = Other _____					
Special Instructions					
Relinquished by 	Company JPS	Date / Time 5/10/12 13:30	Received by 	Company J. Abagast	Water Metals Filtered (Yes/No)? Y
Relinquished by 	Company JPS	Date / Time 5/11/12 14:15	Received by 	Company J. Abagast	
Relinquished by 	Company JPS Corp	Date / Time 5/11/12 14:15	Received by 	Company J. Abagast	
Relinquished by 	Company JPS Corp	Date / Time 5/11/12 14:15	Received by 	Company J. Abagast	
4)					

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CHAIN OF CUSTODY / ANALYSIS REQUEST

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777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) Geoff Aberset	Samplers Name (Printed) Hector Heung	Site/Project Identification Dew Philly Plant			
Company URS Corp	P.O. # 41009684	State (Location of site): NJ: <input type="checkbox"/> NY: <input type="checkbox"/> Other: PA			
Address 335 Commerce Drive Suite 300	Rush Charges Authorized For: Standard <input checked="" type="checkbox"/> 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>	Regulatory Program:			
City Fort Washington	Analysis Turnaround Time Lead 6010B	LAB USE ONLY Project No:			
State PA		Job No: 41095			
Phone					
Fax					
Sample Identification	Date	Time	Matrix	No. of Cont.	Sample Numbers
SB-163 T	05/09/12	950	Soil	1 X	51
SB-163 O	05/09/12	925	Soil	1 X	52
SB-163 P	05/09/12	930	Soil	1 X	53
SB-163 W	05/09/12	1020	Soil	1 X	54
SB-163 Q	05/09/12	935	Soil	1 X	55
SB-163 U	05/09/12	1000	Soil	1 X	56
SB-163 N	05/09/12	920	Soil	1 X	57
SB-163 R	05/09/12	940	Soil	1 X	58
SB-163 M	05/09/12	915	Soil	1 X	59
SB-163 AT	05/09/12	1530	Soil	1 X	60
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH					Soil: ✓ 11
Water: ✓ 11					
					Water Metals Filtered (Yes/No)? ✓
Relinquished by Geoff Aberset	Company URS Corp	Date / Time 5/11/12 13:02	Received by John J. Heung	Company PA	13:38
Relinquished by Geoff Aberset	Company URS Corp	Date / Time 5/11/12 17:13	Received by John J. Heung	Company PA	17:58
Relinquished by Geoff Aberset	Company URS Corp	Date / Time 5/11/12 17:13	Received by John J. Heung	Company PA	17:58
Relinquished by Geoff Aberset	Company URS Corp	Date / Time 5/11/12 17:13	Received by John J. Heung	Company PA	17:58
Relinquished by Geoff Aberset	Company URS Corp	Date / Time 5/11/12 17:13	Received by John J. Heung	Company PA	17:58

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)
Massachusetts (M-NU312), North Carolina (No. 578)

1 2 3 4 5 6 7 8 9 10 11 12 13 14

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777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) <u>Gesse Abagast</u>	Samplers Name (Printed) <u>Hector Heungs</u>	Site/Project Identification <u>Dewi Philly Plant</u>																																																							
Company <u>URS Corp</u>	P. O. # <u>4600 9684</u>	State (location of site): NJ: <input type="checkbox"/> NY: <input type="checkbox"/> Other: <input checked="" type="checkbox"/> Regulatory Program:																																																							
Address <u>335 Commerce Drive Suite 300</u>	Analysis Turnaround Time Standard <input checked="" type="checkbox"/> Rush Charges Authorized For: 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>	ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)																																																							
City <u>Port Washington</u>	State <u>PA</u>	LAB USE ONLY Project No: <u>40125</u>																																																							
Phone	Fax	Sample Numbers <u>1-6</u>																																																							
<table border="1"> <thead> <tr> <th>Sample Identification</th> <th>Date</th> <th>Time</th> <th>Matrix</th> <th>No. of Cont.</th> </tr> </thead> <tbody> <tr><td>SB - 147 NS</td><td>05/09/12</td><td>1525</td><td>Soil</td><td>X</td></tr> <tr><td>SB - 147 AV</td><td>05/09/12</td><td>1535</td><td>Soil</td><td>X</td></tr> <tr><td>SB - 147 AR</td><td>05/09/12</td><td>1520</td><td>Soil</td><td>X</td></tr> <tr><td>SB - 156 CE</td><td>05/09/12</td><td>1100</td><td>Soil</td><td>X</td></tr> <tr><td>SB - 156 CC</td><td>05/09/12</td><td>1050</td><td>Soil</td><td>X</td></tr> <tr><td>SB - 156 CB</td><td>05/09/12</td><td>1045</td><td>Soil</td><td>X</td></tr> <tr><td>SB - 156 BA</td><td>05/10/12</td><td>950</td><td>Soil</td><td>X</td></tr> <tr><td>SB - 156 BL</td><td>05/10/12</td><td>925</td><td>Soil</td><td>X</td></tr> <tr><td>SB - 156 CH</td><td>05/10/12</td><td>1120</td><td>Soil</td><td>X</td></tr> <tr><td>SB - 156 CP</td><td>05/09/12</td><td>1055</td><td>Soil</td><td>X</td></tr> </tbody> </table>			Sample Identification	Date	Time	Matrix	No. of Cont.	SB - 147 NS	05/09/12	1525	Soil	X	SB - 147 AV	05/09/12	1535	Soil	X	SB - 147 AR	05/09/12	1520	Soil	X	SB - 156 CE	05/09/12	1100	Soil	X	SB - 156 CC	05/09/12	1050	Soil	X	SB - 156 CB	05/09/12	1045	Soil	X	SB - 156 BA	05/10/12	950	Soil	X	SB - 156 BL	05/10/12	925	Soil	X	SB - 156 CH	05/10/12	1120	Soil	X	SB - 156 CP	05/09/12	1055	Soil	X
Sample Identification	Date	Time	Matrix	No. of Cont.																																																					
SB - 147 NS	05/09/12	1525	Soil	X																																																					
SB - 147 AV	05/09/12	1535	Soil	X																																																					
SB - 147 AR	05/09/12	1520	Soil	X																																																					
SB - 156 CE	05/09/12	1100	Soil	X																																																					
SB - 156 CC	05/09/12	1050	Soil	X																																																					
SB - 156 CB	05/09/12	1045	Soil	X																																																					
SB - 156 BA	05/10/12	950	Soil	X																																																					
SB - 156 BL	05/10/12	925	Soil	X																																																					
SB - 156 CH	05/10/12	1120	Soil	X																																																					
SB - 156 CP	05/09/12	1055	Soil	X																																																					
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH																																																									
Soil: <input checked="" type="checkbox"/>																																																									
Water: <input checked="" type="checkbox"/>																																																									
6 = Other _____, 7 = Other _____																																																									
Special Instructions:																																																									
Water Metals Filtered (Yes/No)? <input checked="" type="checkbox"/>																																																									
Relinquished by <u>M. H. H.</u>	Company <u>URS</u>	Date / Time <u>5/11/12 13:30</u>																																																							
Relinquished by <u>S. J. G.</u>	Company <u>URS</u>	Date / Time <u>5/12/12 13:30</u>																																																							
Relinquished by <u>J. H. Z.</u>	Company <u>URS</u>	Date / Time <u>5/12/12 13:30</u>																																																							
Relinquished by <u>J. H. Z.</u>	Company <u>URS</u>	Date / Time <u>5/12/12 13:30</u>																																																							
4)	Company	Date / Time <u>5/12/12 13:30</u>																																																							

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777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) Geoff Abagost	Samplers Name (Printed) Hector Henry	Site/Project Identification Dow Philly Plant				
Company DRS	P.O.# 46074684	State (Location of Site): NJ: <input type="checkbox"/> NY: <input type="checkbox"/> Other: <input checked="" type="checkbox"/>				
Address 355 Commerce Drive Suite 300	Analysis Turnaround Time Standard <input checked="" type="checkbox"/> Rush Charges Authorized For: 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>	Regulatory Program:				
City Torrd Washington	State PA	LAB USE ONLY Project No: 40125				
Phone Fax		Sample Numbers 1, 1 150				
Sample Identification	Date	Time	Matrix	No. of Cont.	Water:	Water Metals Filtered (Yes/No)?
EAB 102 B (3.5-5)	05/03/12	1347	Soil	1	X	<input checked="" type="checkbox"/>
EAB 102 A (3.5-4.5)	05/03/12	1348	Soil	1	X	<input checked="" type="checkbox"/>
EAB 101 E	05/03/12	140	Soil	1	X	<input checked="" type="checkbox"/>
EAB 101 D	05/03/12	1200	Soil	1	X	<input checked="" type="checkbox"/>
EAB 101 C	05/03/12	130	Soil	1	X	<input checked="" type="checkbox"/>
EAB 101 B	05/03/12	1145	Soil	1	X	<input checked="" type="checkbox"/>
EAB 101 K	05/03/12	1135	Soil	1	X	<input checked="" type="checkbox"/>
EAB 103 E	05/03/12	1315	Soil	1	X	<input checked="" type="checkbox"/>
EAB 103 D	05/03/12	1310	Soil	1	X	<input checked="" type="checkbox"/>
EAB 103 A	05/03/12	1115	Soil	1	X	<input checked="" type="checkbox"/>
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH						Soil: <input checked="" type="checkbox"/>
6 = Other _____, 7 = Other _____						Water: <input checked="" type="checkbox"/>
Special Instructions:						
Relinquished by M. W. M.	Company DRS	Date / Time 5/11/12 13:30	Received by L. M. J.	Company DRS	Water Metals Filtered (Yes/No)? <input checked="" type="checkbox"/>	
Relinquished by S. Abagost	Company DRS	Date / Time 5/11/12 13:30	Received by H. H.	Company DRS		
Relinquished by G. Abagost	Company DRS	Date / Time 5/11/12 13:30	Received by J. H.	Company DRS		
Relinquished by G. Abagost	Company DRS	Date / Time 5/11/12 13:30	Received by J. H.	Company DRS		
4)						

1 2 3 4 5 6 7 8 9 10 11 12 13 14

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777 New Durham Road
Editor, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice)	Samplers Name (Printed) Hector Huang	Site/Project Identification Dow Phily Plant.
Company	P.O. # 46009684	State (Location of site): NJ: <input type="checkbox"/> NY: <input type="checkbox"/> Other: _____
Address	Regulatory Program:	
335 Commerce Drive, Suite 300		
City Fort Washington	Analysis Turnaround Time	LAB USE ONLY
State PA	Standard <input checked="" type="checkbox"/>	Project No:
Phone	Rush Charges Authorized For:	Job NO:
Fax	2 Week <input type="checkbox"/>	46125
	1 Week <input type="checkbox"/>	
	Other <input type="checkbox"/>	

Sample Identification	Date	Time	Matrix	No. of Cont.	Sample Numbers
SB 159-BE	5/9/12	9:05	SO	1	81
SB 159-B	5/8/12	13:00	SO	1	82
SB 159-G	5/8/12	13:05	SO	1	83
SB 147-BA	5/10/12	13:50	SO	1	84
SB 159-I	5/9/12	13:40	SO	1	85
SB 159-J	5/9/12	10:10	SO	1	86
SB 147-AZ	5/10/12	13:40	SO	1	87
SB 159-P	5/9/12	13:10	SO	1	88
SB 147-AG	5/8/12	10:35	SO	1	89
SB 159-S	5/9/12	13:20	SO	1	90

Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH	Soil: <input checked="" type="checkbox"/>
6 = Other _____	Water: <input type="checkbox"/>

Special Instructions			
Relinquished by	Company	Date / Time	Received by
Mark J. L.	VPS Corp	5/10/12 13:30	13:30
Relinquished by	Company	Date / Time	Received by
J. Hoff	VPS Corp	5/11/12 17:15	17:15
Relinquished by	Company	Date / Time	Received by
J. Hoff	VPS Corp	5/11/12	17:15
Relinquished by	Company	Date / Time	Received by
J. Hoff	VPS Corp	5/11/12	17:15
Relinquished by	Company	Date / Time	Received by
J. Hoff	VPS Corp	5/11/12	17:15

Water Metals Filtered (Yes/No)?

Water Metals Filtered (Yes/No)?	1) <input checked="" type="checkbox"/>	2) <input type="checkbox"/>	3) <input type="checkbox"/>	4) <input type="checkbox"/>
Received by	Company	Received by	Company	Received by
J. Hoff	13:30	J. Hoff	17:15	J. Hoff
Received by	Company	Received by	Company	Received by
J. Hoff	17:15	J. Hoff	17:15	J. Hoff
Received by	Company	Received by	Company	Received by
J. Hoff	17:15	J. Hoff	17:15	J. Hoff
Received by	Company	Received by	Company	Received by
J. Hoff	17:15	J. Hoff	17:15	J. Hoff

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578)

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CHAIN OF CUSTODY / ANALYSIS REQUEST

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777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) George Abengast	Samplers Name (Printed) Hector Henry	Site/Project Identification Dow Philly Plant												
Company URS Corp	P. O. # 46009684	State (Location of site): NJ: <input type="checkbox"/> NY: <input type="checkbox"/> Other: <input checked="" type="checkbox"/>												
Address 335 Commerce Drive Suite 300 City: Bethesda Fort Washington PA Phone: Fax		Regulatory Program:												
<table border="1"> <tr> <td colspan="2">Analysis Turnaround Time</td> </tr> <tr> <td>Standard <input checked="" type="checkbox"/></td> <td>Lead 6010B</td> </tr> <tr> <td>Rush Charges Authorized For:</td> <td></td> </tr> <tr> <td>2 Week <input type="checkbox"/></td> <td></td> </tr> <tr> <td>1 Week <input type="checkbox"/></td> <td></td> </tr> <tr> <td>Other <input type="checkbox"/></td> <td></td> </tr> </table>			Analysis Turnaround Time		Standard <input checked="" type="checkbox"/>	Lead 6010B	Rush Charges Authorized For:		2 Week <input type="checkbox"/>		1 Week <input type="checkbox"/>		Other <input type="checkbox"/>	
Analysis Turnaround Time														
Standard <input checked="" type="checkbox"/>	Lead 6010B													
Rush Charges Authorized For:														
2 Week <input type="checkbox"/>														
1 Week <input type="checkbox"/>														
Other <input type="checkbox"/>														
		LAB USE ONLY Project No: 40125												
Sample Identification	Date	Time	Matrix	No. of Cont.	Sample Numbers									
SB - 156 BX	05/09/12	1025	Soil	1	91									
SB - 156 BW	05/09/12	1020	Soil	1	92									
SB - 156 BT	05/09/12	915	Soil	1	93									
SB - 156 BR	05/09/12	955	Soil	1	94									
EAB - 102 H	05/09/12	1455	Soil	1	95									
EAB - 102 F	05/09/12	1425	Soil	1	96									
EAB - 102 G	05/09/12	1445	Soil	1	97									
EAB - 102 E	05/09/12	1420	Soil	1	98									
EAB - 102 D	05/09/12	1400	Soil	1	99									
EAB - 102 C	05/09/12	1350	Soil	1	100									
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH														
Soil: <input checked="" type="checkbox"/> Water: <input type="checkbox"/>														
Special Instructions														
Relinquished by 	Company URS	Date / Time 5/14/12 1:13:00	Received by JM	Company 13-38	Water Metals Filtered (Yes/No)? Y									
Relinquished by 	Company URS	Date / Time 5/14/12 1:13:00	Received by JM	Company 13-38										
Relinquished by 	Company URS	Date / Time 5/14/12 1:13:00	Received by JM	Company 13-38										
Relinquished by 	Company	Date / Time 5/16/12 4:40	Received by	Company										

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

1 2 3 4 5 6 7 8 9 10 11 12

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CHAIN OF CUSTODY / ANALYSIS REQUEST

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777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice)
Gretta Abagast
Company
URS Philly
Address
335 Commerce Dr.
City
Bord Washington PA
State
PA
Phone
Fax

Samplers Name (Printed)
Hector Henry
P. O. #
4609684
Analysis Turnaround Time
Standard Rush Charges Authorized For:
2 Week
1 Week
Other

Site/Project Identification
PA Philly Plant
State (Location of site)
NJ: NY: Other: **PA**
Regulatory Program:

LAB USE ONLY
Project No:
Job No:

ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)
Lead 6010B

Sample Numbers

Sample Identification	Date	Time	Matrix	No. of Cont.	Lead 6010B
EAB 103 C	05/09/12	1325	Soil	1	X
EAB 102 B	05/09/12	1320	Soil	1	X
EAB 103 A	05/09/12	1330	Soil	1	X
EAB 104 E	05/09/12	1140	Soil	1	X
EAB 104 D	05/09/12	1135	Soil	1	X
EAB 104 C	05/09/12	1130	Soil	1	X
EAB 104 B	05/09/12	1125	Soil	1	X
EAB 104 A	05/09/12	1150	Soil	1	X
EAB 104 B	05/09/12	1140	Soil	1	X
EAB 104 C	05/09/12	1125	Soil	1	X

Preservation Used: 1 = ICE, 2 = HCl, 3 = H₂SO₄, 4 = HNO₃, 5 = NaOHSoil: **X(1)**
Water: **X(1)**

Water Metals Filtered (Yes/No)?

Relinquished by J. L. C.	Company URS	Date / Time 5/11/12 11:15	Received by J. L. C.	Company URS
Relinquished by M. J. R.	Company URS	Date / Time 5/11/12 11:15	Received by M. J. R.	Company URS
Relinquished by M. J. R.	Company URS	Date / Time 5/11/12 11:15	Received by M. J. R.	Company URS
Relinquished by M. J. R.	Company URS	Date / Time 5/11/12 11:15	Received by M. J. R.	Company URS

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777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) Gerry Abagost	Samplers Name (Printed) Hector Flory	Site/Project Identification Dow Chemical Plant			
Company URS Corp	P.O. # 46007634	State (Location of site): NJ: <input type="checkbox"/> NY: <input type="checkbox"/> Other: PA			
Address 335 Commerce Dr. Suite 300	Analysis Turnaround Time Standard <input checked="" type="checkbox"/> Rush Charges Authorized For: 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>	Regulatory Program:			
City Fort Washington	ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)	LAB USE ONLY			
State PA		Project No:			
Phone Fax		Job No:			
Sample Identification	Date	Time	Matrix	No. of Cont.	Sample Numbers
SB-147 D	05/07/12	1200	Soil	1	X
SB-147 F	05/07/12	1330	Soil	1	X
SB-147 G	05/07/12	1335	Soil	1	X
SB-147 H	05/07/12	1345	Soil	1	X
SB-147 I	05/07/12	1355	Soil	1	X
SB-147 J	05/07/12	1320	Soil	1	X
SB-147 K	05/07/12	1330	Soil	1	X
SB-147 L	05/07/12	1335	Soil	1	X
SB-147 M	05/07/12	1600	Soil	1	X
SB-147 N	05/07/12	1605	Soil	1	X
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH	Water:				
6 = Other _____, 7 = Other _____					

Special Instructions

Water Metals Filtered (Yes/No)? **Yes**

Relinquished by Gerry Abagost	Company URS	Date / Time 5/11/12 13:45	Received by Hector Flory	Company URS
Relinquished by Gerry Abagost	Company URS	Date / Time 5/11/12 13:45	Received by Hector Flory	Company URS
Relinquished by Gerry Abagost	Company URS	Date / Time 5/11/12 13:45	Received by Hector Flory	Company URS
Relinquished by Gerry Abagost	Company URS	Date / Time 5/11/12 13:45	Received by Hector Flory	Company URS
4)		Date / Time 4)	Received by	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

1 2 3 4 5 6 7 8 9 10 11 12 13 14

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 13 of 14

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) <i>JES Geff Augast</i>	Samplers Name (Printed) <i>Mike Russo</i>	Site/Project Identification <i>Dow K+H PA</i>			
Company <i>JRS</i>	P.O. #	State (Location of site): NJ: <input type="checkbox"/> NY: <input type="checkbox"/> Other: <input type="checkbox"/> PA			
Address <i>335 Commerce Dr Suite 300</i>	Analysis Turnaround Time Standard <input checked="" type="checkbox"/> Rush Charges Authorized For: 2 Week: <input type="checkbox"/> 1 Week: <input type="checkbox"/> Other: <input type="checkbox"/>	Regulatory Program:			
City <i>Fort Washington</i>		LAB USE ONLY			
Phone <i>215-367-2466</i>		Project No:			
Fax		Job No:			
		Sample Numbers <i>J.G 12/14</i>			
Sample Identification	Date	Time	Matrix	No. of Cont.	
SB-147 P - DUP	5/7/12	15:20	Soil	1	X
SB-147 C - DUP	5/7/12	11:25		1	X
SB-156 RN - DUP	5/8/12	9:10		1	X
SB163-D - DUP	5/8/12	14:55		1	X
SB 159 - HF - DUP	5/9/12	14:30		1	X
SB 147-HA - DUP	5/9/12	14:15		1	X
Equipment Blanks 1	5/8/12	16:00		1	X
Equipment Blanks 2	5/9/12	16:00		1	X
Equipment Blanks 3	5/10/12	16:00		1	X
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH	Soil:	Water:			
6 = Other _____, 7 = Other _____	1				

Special Instructions

Relinquished by *Mike Russo* Company *JRS* Date / Time *5/11/12 13:00* Received by *J.G* Company *J.G* (3:38)

Relinquished by *Mike Russo* Company *JRS* Date / Time *5/11/12 13:00* Received by *J.G* Company *J.G* (3:38)

Relinquished by *Mike Russo* Company *JRS* Date / Time *5/11/12 13:00* Received by *J.G* Company *J.G* (3:38)

Relinquished by *Mike Russo* Company *JRS* Date / Time *5/11/12 13:00* Received by *J.G* Company *J.G* (3:38)

Relinquished by *Mike Russo* Company *JRS* Date / Time *5/11/12 13:00* Received by *J.G* Company *J.G* (3:38)

1 2 3 4 5 6 7 8 9 10 11 12 13 14

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

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777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) <i>David Abercrombie</i>	Samplers Name (Printed) <i>Hector Neung</i>	Site/Project Identification <i>Dow Phillips Plant</i>
Company <i>VPS CORP</i>	P.O. # <i>46009684</i>	State (Location of site): NJ: <input type="checkbox"/> NY: <input type="checkbox"/> Other: <input checked="" type="checkbox"/> Regulatory Program:
Address <i>335 Commerce Drive Suite 302</i>	Analysis Turnaround Time Standard <input checked="" type="checkbox"/> 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>	ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)
City <i>Fort Washington</i>	Rush Charges Authorized For: 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>	LAB USE ONLY
State <i>PA</i>		Project No: <i>1.6</i>
Phone <i>Fax</i>		Job No: <i>11</i>
Sample Identification		
Date <i>05/09/12</i>	Time <i>15:55</i>	Matrix <i>Soil</i>
No. of Cont. <i>1</i>		Sample Numbers <i>129</i>
Soil: <i>Lead 6010B</i>		Water: <i>130</i>
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH 6 = Other _____, 7 = Other _____		
Special Instructions		
Relinquished by <i>J. D. Abercrombie</i>	Company <i>VPS</i>	Date / Time <i>5/11/12 13:00</i>
Received by <i>Hector Neung</i>	Received by <i>Hector Neung</i>	Received by <i>13:20</i>
Relinquished by <i>J. D. Abercrombie</i>	Company <i>VPS</i>	Date / Time <i>5/11/12 17:13</i>
Received by <i>Hector Neung</i>	Received by <i>Hector Neung</i>	Received by <i>17:13</i>
Relinquished by <i>J. D. Abercrombie</i>	Company <i>VPS</i>	Date / Time <i>5/12/12</i>
Received by <i>Hector Neung</i>	Received by <i>Hector Neung</i>	Received by <i>18:50</i>
Relinquished by <i>J. D. Abercrombie</i>	Company <i>VPS</i>	Date / Time <i>5/12/12</i>
Received by <i>Hector Neung</i>	Received by <i>Hector Neung</i>	Received by <i>18:50</i>
Water Metals Filtered (Yes/No)?		
1	2	3
4)		

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 460-40195-2

Login Number: 40195

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	N/A		1
The cooler's custody seal, if present, is intact.	True	443032,443031,579874,443039	2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True	1.1C, 1.6C, 2.9C IR#50	6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time.	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		
Appropriate sample containers are used.	True		
Sample bottles are completely filled.	True		
Sample Preservation Verified.	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A		
Multiphasic samples are not present.	N/A		
Samples do not require splitting or compositing.	N/A		
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.	